WELCOME
to the program
Master of Science
„Computational Linguistics”

Stefanie Anstein & IMS student representatives

Institute for Natural Language Processing /
Institut für Maschinenlle Sprachverarbeitung (IMS)
University of Stuttgart
Overview

Introduction – who we are . . .

Program of study: M.Sc. CL

Useful information

Next steps
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Useful information

Next steps
The IMS Chairs / Professors

- **Theoretical Computational Linguistics**  
  (Head: Prof. Dr. Sebastian Padó)

- **Fundamentals of Computational Linguistics**  
  (Head: Prof. Dr. Jonas Kuhn)

- **Experimental Phonetics**  
  (Head: Prof. Dr. Grzegorz Dogil)

- **Junior Prof. Computational Linguistics**  
  (Head: Junior Prof. Dr. Ngoc Thang Vu)
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Program of study: M.Sc. CL

Useful information

Next steps
Program of study

- regular duration: 4 semesters (max. duration: 9 sem.)
Program of study

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- consists of several **modules**
  - module duration: 1-2 semesters
  - can contain 1 (or more) **course(s)**
    (= lectures, seminars, lab sessions . . .)
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  - module duration: 1-2 semesters
  - can contain 1 (or more) **course(s)**
    (= lectures, seminars, lab sessions ...)
- module descriptions: module handbook
  - [www.uni-stuttgart.de/bologna/modulhandbuecher](http://www.uni-stuttgart.de/bologna/modulhandbuecher)
Program of study

- ECTS credit point (CP) = Leistungspunkt (LP)
  - measurement of working load (1 CP = 30h)
  - 2 SWS = 1.5h/week = 3 CP/semester
  - 120 CP needed for M.Sc. degree
  - are given for complete modules after last successful exam

Please note: A new version of our study regulations will be active from winter semester; if interested you could switch to that one then.
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# Study plan suggestion

<table>
<thead>
<tr>
<th>Sem.</th>
<th>Obligatory modules</th>
<th>Concentration / Elective modules</th>
<th>Other</th>
<th>ETCS Credit Points</th>
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<tbody>
<tr>
<td>1 WiSe*</td>
<td>Methods in Computational Linguistics <strong>&lt;br&gt;8SWS</strong>*, 12CP</td>
<td>Concentration / Elective courses worth ca. 18CP</td>
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<td>2 SoSe*</td>
<td>CL Team Lab 4SWS, 6CP°</td>
<td>Concentration / Elective courses worth ca. 21CP</td>
<td>Key competences 2SWS, 3CP °°</td>
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<tr>
<td>3 WiSe*</td>
<td>Research Module part 1: Research Seminar **&lt;br&gt;6SWS, 9CP</td>
<td>Concentration / Elective courses worth ca. 18CP</td>
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<td>4 SoSe*</td>
<td>Research Module part 2: Research Colloquium 3CP</td>
<td>Master’s thesis 30CP</td>
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*) for a start in the summer semester, it is recommended to interchange modules (e.g. “Methods in CL” & “CL Team Lab”)

**) offered only in winter semesters

***) 2 SWS = 1,5h/week

°) offered only in summer semesters

°°) is also possible in any other semester

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S. Anstein: M.Sc. CL
Details about modules

- “Methods in Computational Linguistics” (12 credit points; first semester; if necessary combine with less than 18 further CPs)
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- “Computational Linguistics Team Laboratory” (6 credit points, second semester)

Choose 2 out of 3 "Concentrations" (12 credit points each)

- Computational Syntax and Semantics
- Laboratory Phonology and Speech Processing
- Statistical Natural Language Processing

Each concentration consists of 2-4 courses that have to be passed when you've attended all necessary courses.

→ register
→ oral exam about all courses
Program of study ctd.

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Program of study ctd.

Elective modules (36 credit points)

- choose modules from the Master programs

Please note: Each course can be used only once – to prove this, you have to upload a completed “module table” via ILIAS each semester.

Download: http://www.ims.uni-stuttgart.de/studium/interessierte/studiengaenge/cl-msc/pruefung.en.html
Program of study ctd.

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- if a module is not (yet) listed in our module handbook, ask S. Anstein if it can be imported

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Program of study ctd.

Elective modules (36 credit points)

- choose modules from the Master programs “Computational Linguistics”, “Computer Science”, “Electrical Engineering and Information Technology”, “Theoretical and Comparative Linguistics”, “Digital Humanities”, etc.

- if a module is not (yet) listed in our module handbook, ask S. Anstein if it can be imported

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Program of study ctd.

Key competences (3 credit points)

- modules for general competences
  - e.g. presentation modalities,
    time / project / knowledge management, . . .
  - can be done in any semester; only online registration possible before semester start:
    http://www.uni-stuttgart.de/sq
Program of study ctd.

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  - can be found in C@MPUS at “Central facilities – Central Facility Zentrum für Lehre
    und Weiterbildung der Universität Stuttgart – Central office Fachübergreifende
    Schlüsselqualifikationen – Courses”
Program of study ctd.

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- possible at the Language Center: advanced language courses
- possible at the IMS: Cognitive Science courses
Program of study ctd.

Later obligatory modules

- Research module
  - Research seminar (9 credit points)
    - preparation for Master’s thesis: read research papers / books, find a topic for your thesis
  - Research colloquium (3 credit points)
    - presentation of your (ongoing) Master’s thesis work

Please note: This is an idealised scheme of the program – you can do it differently, just don’t exceed the maximum duration of 9 semesters!
Program of study ctd.

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Next steps
Useful information

- German language course advisable
  - some important University documents exist in German only
  - to make the most of your life in Germany :)}
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  - to make the most of your life in Germany :)

- Some students got a “conditional admission” (*Auflagen*; see C@MPUS account; recommended to take the oral exam asap) – you will get another email with more information about registration.
Useful information ctd.

- exam regulations (at the moment in German only)
  - describe obligatory modules & define electives
  - determine number of possible repetitions and maximum length of the study, ...
  - important information is also available in English on the IMS homepage and on the handout
- [http://www.uni-stuttgart.de/studieren/service/admin/po/msc/index.html](http://www.uni-stuttgart.de/studieren/service/admin/po/msc/index.html)
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- exams
  - oral or written exam (during the semester or at the end of the semester)
  - ungraded exam: passed / failed
  - graded exam:
    - 1,0 (excellent) / 1,3 / 1,7 . . . – 4,0 (acceptable)
  - hint: there might be some preconditions to fulfill in order to be allowed to take part in an exam, e.g. homework, . . .
Useful information ctd.

- registration for exams / **modules**
  - exact exam dates are announced in the lectures
  - register online in the LSF
  - for modules containing several courses, register in the semester in which you will finish **all** parts (e.g. concentration modules)
  - each exam has to be registered during the registration period (as announced by the University: May/June & November/December) – otherwise participation is not possible (screenshot/download of registration page recommended)
Useful information ctd.

- postponing / repeating exams
  - you can withdraw from a module exam until 7 days before the exam takes place (otherwise, a medical certificate is needed as soon as possible in order for the exam not to count as “failed”)
  - failed exams can be repeated once; this has to be done at the next possible date; re-registration necessary!
  - a second repetition of a module exam is only allowed in 3 cases in total
  - passed exams cannot be repeated (e.g. to improve the grade)
Useful information ctd.

- C@MPUS online portal
  - contains all currently offered courses and the modules they can be used for
  - personal timetable can be created (by registering for courses: non-binding)
  - registration for courses not necessary
  - https://campus.uni-stuttgart.de
Useful information ctd.

- ILIAS platform
  - is used to share information (slides, literature, ...) for courses (provided by the lecturers)
  - course registration (non-binding) recommended
  - http://ilias3.uni-stuttgart.de
  - path to IMS: Repository – Engineering – Maschinelle Sprachverarbeitung / Computational Linguistics
Useful information ctd.

- LSF online portal
  - „Lehre, Studium, Forschung“ – teaching, study, research
  - (de-)registration for exams
  - http://lsf.uni-stuttgart.de
Useful information ctd.

- more important information on the IMS website
  http://www.ims.uni-stuttgart.de
  - course of study, exam regulations
  - lecturers, staff & contact data
  - projects & publications
  - events & news
  - ...

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Useful information ctd.

Further institutions at the university to get information & help:

- Examination Office (*Prüfungsamt*)
  - Pfaffenwaldring 57 (Vaihingen)
Useful information ctd.

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  - German students: Keplerstraße 7 (Stuttgart centre)
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Useful information ctd.

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- Centre for International Students (*Internat. Zentrum*)
  - welcome service – get your welcome package!
  - international mentoring, learning groups, student associations, leisure activities, etc.
  - Pfaffenwaldring 60 (Vaihingen)
Useful information ctd.

Further institutions at the university to get information & help:

- **Oecumenic Centre (Ökumenisches Zentrum, ÖZ)**
  - Allmandring 6 (Vaihingen)
- **Student Services (Studierendenwerk)**
  - housing (make sure you stay on waiting list!), childcare, legal advice, social advice, psychological support, finances, disabilities, . . .
  - Rosenbergstraße 18 (Stuttgart centre)
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Useful information

Next steps
For you to do . . .

- take a look at
  - the current semester schedule extracted from C@MPUS (see below and on the IMS homepage)
    - hint: rather choose „lectures“ and overview / introductory courses in the beginning
    - and „seminars“ on very specific topics only in the later course of studies (especially for non-CL graduates)
IMS course list summer semester 2016

Courses vs. Modules

S. Anstein: M.Sc. CL
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<th>Montag</th>
<th>Dienstag</th>
<th>Mittwoch</th>
<th>Donnerstag</th>
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Module tree for the MSc CL
Some dates to save . . .

- IMS games evening: April 13, 6pm, V5.01/02
- public holidays: April 14, April 17, May 1, May 25, June 15
- Pentecost break: June 6 to 10
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- Welcome Reception for International MSc students: October/November; to be announced
- IMS Student Meeting: October/November; to be announced
In case of any questions . . .

. . . please ask:

- **Stefanie Anstein**
  degree program manager, student advisor &
  contact person examination committee;
  office: 02.019 here in Pfaffenwaldring 5b
  stefanie.anstein@ims.uni-stuttgart.de

  - if in doubt, ask – the sooner the better :}

S. Anstein: M.Sc. CL
And now . . .

- Fill in the forms for your computer account at the IMS – check your IMS mail regularly or set a ’forward’!
And now . . .

- Fill in the forms for your computer account at the IMS – check your IMS mail regularly or set a ’forward’!
- Follow us on our little guided tour – find the student representatives’ room and take a look into the computer lab!
And now . . .

- Fill in the forms for your computer account at the IMS – **check your IMS mail regularly or set a ’forward’**!
- Follow us on our little guided tour – find the student representatives’ room and take a look into the computer lab!
- Have some refreshments!
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- Ask questions, if there are any . . .

Welcome at the IMS!